

APPROVED	C 3 FIG.	
BY	CLAS.	SUBCLAS.
DRAFTSMAN		

Title: TIME-BASED MODELING
 Inventor: Jonathan M. FRIEDMAN and Flynn D. FRIEDMAN
 Application No.: 09/182,101
 Docket No.: 410862000100

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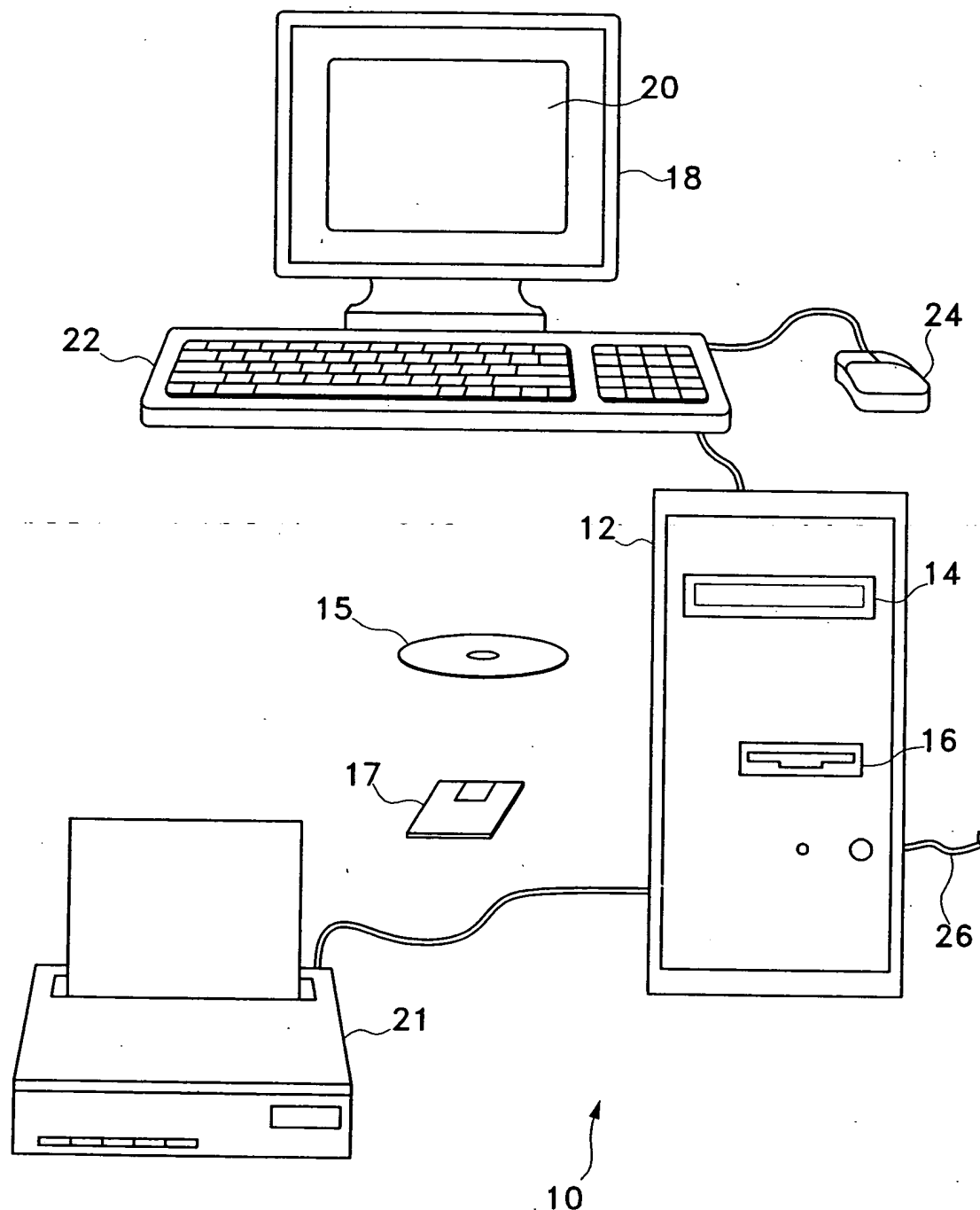
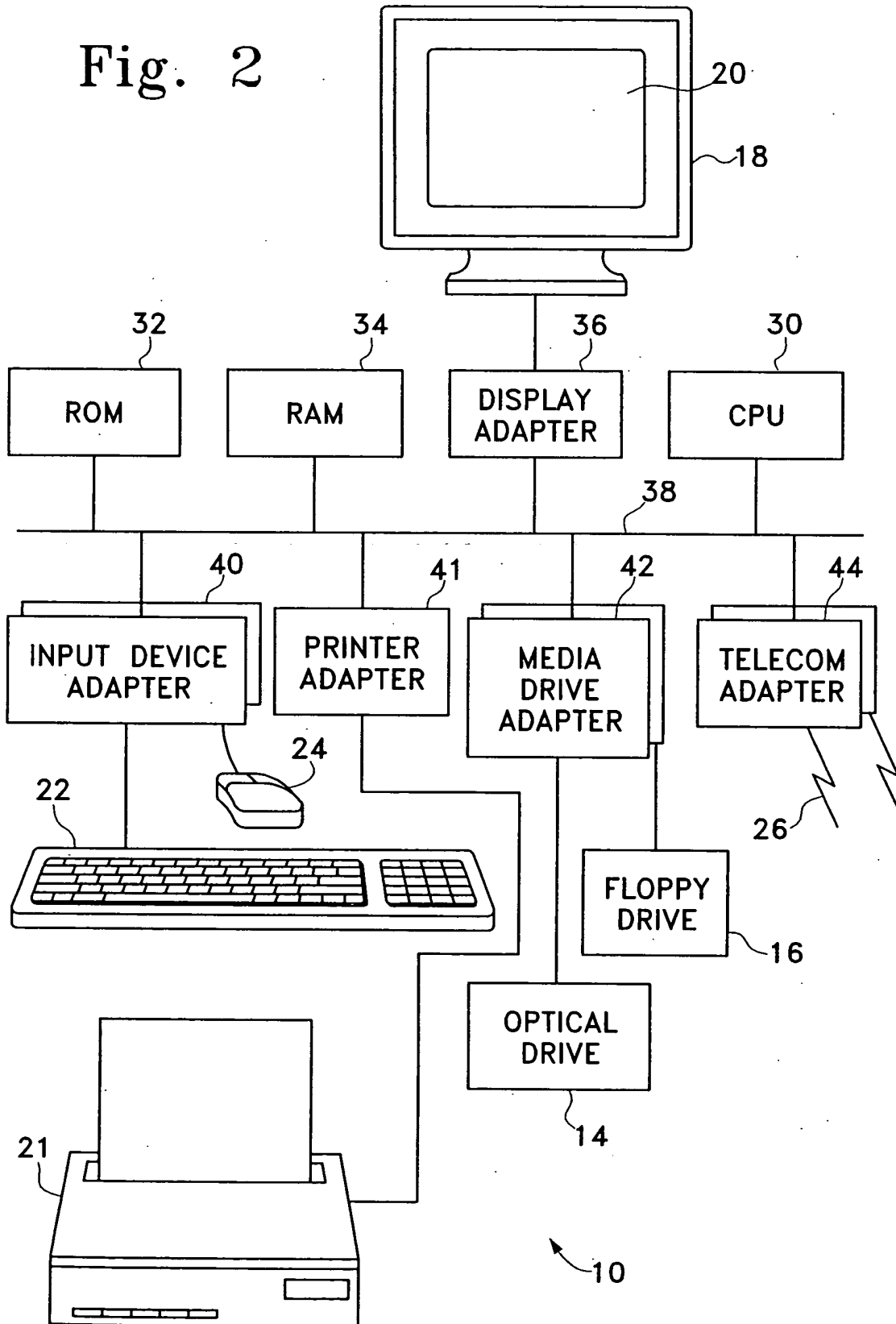
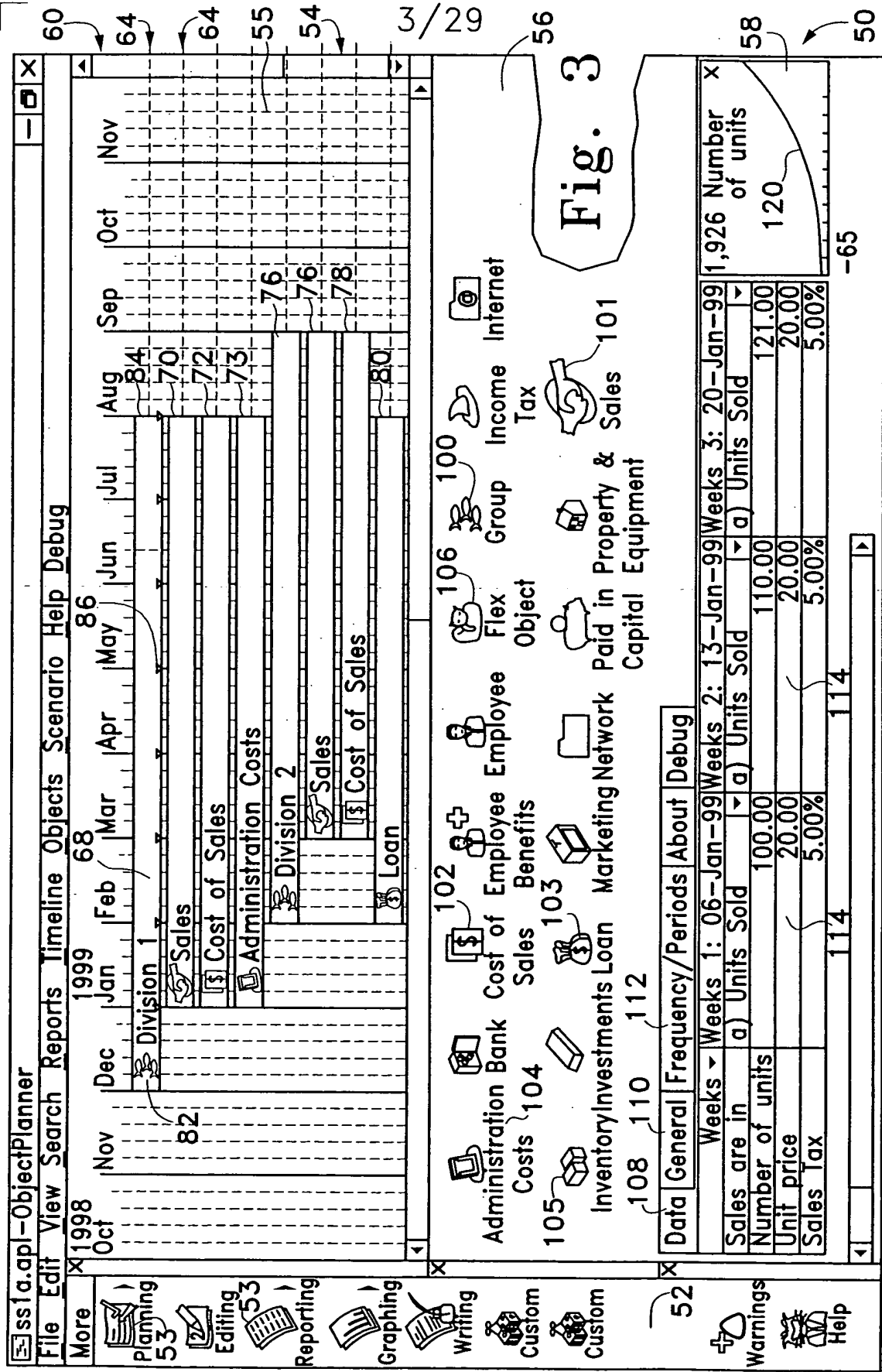


Fig. 1

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Fig. 2





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ss1a.pl-ObjectPlanner

File Edit View Search Reports Timeline Objects Scenario Help Debug

Object	Start Date	Duration	End Date	Frequency
Division 1	December 01, 1998	8 months	July 30, 1999	Every 1 month's end
Sales	January 01, 1999	7 months	July 30, 1999	Every 1 month's end
Cost Sales	January 01, 1999	7 months	July 30, 1999	Every 1 month's end
Administration	January 01, 1999	7 months	July 30, 1999	Every 1 month's end
Division 2	February 01, 1999	7 months	August 31, 1999	Every 1 month's end
Sales	March 01, 1999	6 months	August 31, 1999	Every 1 month's end
Cost Sales	March 01, 1999	6 months	August 31, 1999	Every 1 month's end
Loan	February 01, 1999	6 months	July 30, 1999	Every 1 month's end

Invoicing Periods

Every 1

On

Payment Periods (Outgoing Cash)

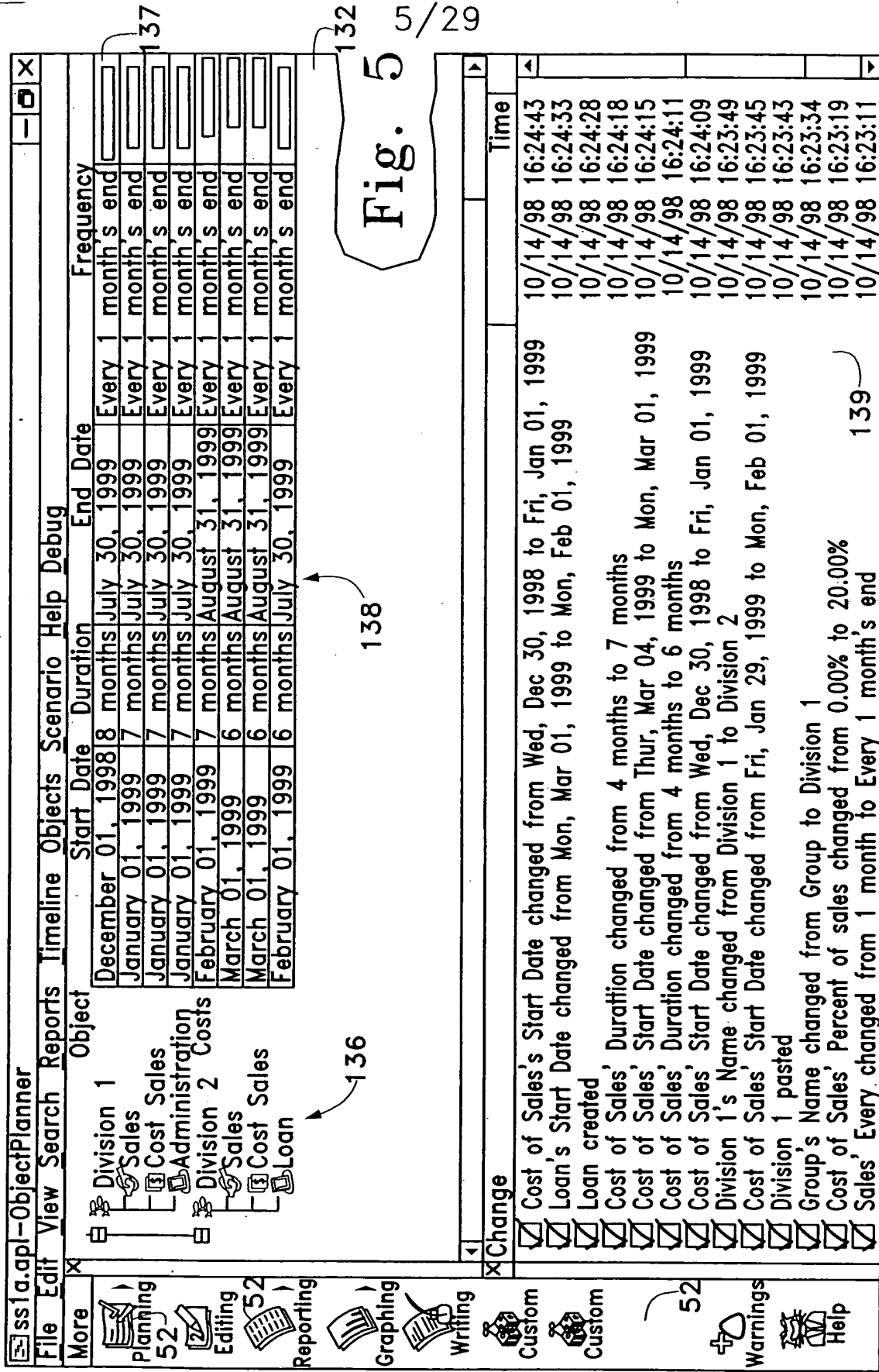
0 days	20.00%
30 days	30.00%
60 days	10.00%
90 days	10.00%
120 days	30.00%
Uncollected	20.00%

Collection Periods (Incoming Cash)

0 days	20.00%
30 days	30.00%
60 days	0.00%
90 days	10.00%
120 days	40.00%
Unpaid	0.00%

Fig. 4

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138
140
142
52
Warnings
Help



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ss1a.pl-ObjectPlanner											
File Edit View Search Reports Timeline Objects Scenario Help Debug											
More											
Planning 53											
Editing 53											
Reporting											
Graphing											
Writing											
Custom											
Custom											
52											
Warnings											
Help											
My Business											
INCOME FORECAST											
FOR THE PERIOD ENDED Friday, September 29, 2000											
29-Jan-99 26-Feb-99 31-Mar-99 30-Apr-99 31-May-99 30-Jun-99 30-Jul-99											
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
REVENUE	300.00	270.00	243.00	218.70	196.83	177.15	159.43				
Division 1 Sales			673.49	1,037.50	1,449.95	2,223.97	3,581.72				
Division 2 Sales											
TOTAL REVENUE	\$300.00	\$270.00	\$916.49	\$1,256.20	\$1,646.78	\$2,401.11	\$3,741.15				
COST OF GOODS AND SERVICES	60.00	54.00	183.30	251.24	329.36	480.22	748.23				
Cost of materials			2,500.00	2,500.00	2,500.00	2,500.00	2,500.00				
Production payroll											
Direct costs											
TOTAL COST OF SALES	\$60.00	\$2,554.00	\$2,683.30	\$2,751.24	\$2,829.36	\$2,980.22	\$3,248.23				
GROSS PROFIT	\$240.00	(\$2,284.00)	(\$1,766.81)	(\$1,495.04)	(\$1,182.57)	(\$579.11)	\$492.92				
TOTAL ADMINISTRATION EXPENSES	\$145.00	\$145.00	\$145.00	\$145.00	\$145.00	\$145.00	\$145.00				
TOTAL OPERATING EXPENSES	\$145.00	\$145.00	\$145.00	\$145.00	\$145.00	\$145.00	\$145.00				
NET INCOME	\$95.00	(\$2,429.00)	(\$1,911.81)	(\$1,640.04)	(\$1,327.57)	(\$724.11)	\$347.92				
CUMULATIVE NET INCOME	\$95.00	(\$2,334.00)	(\$4,245.81)	(\$5,885.85)	(\$7,213.43)	(\$7,937.54)	(\$7,589.61)				

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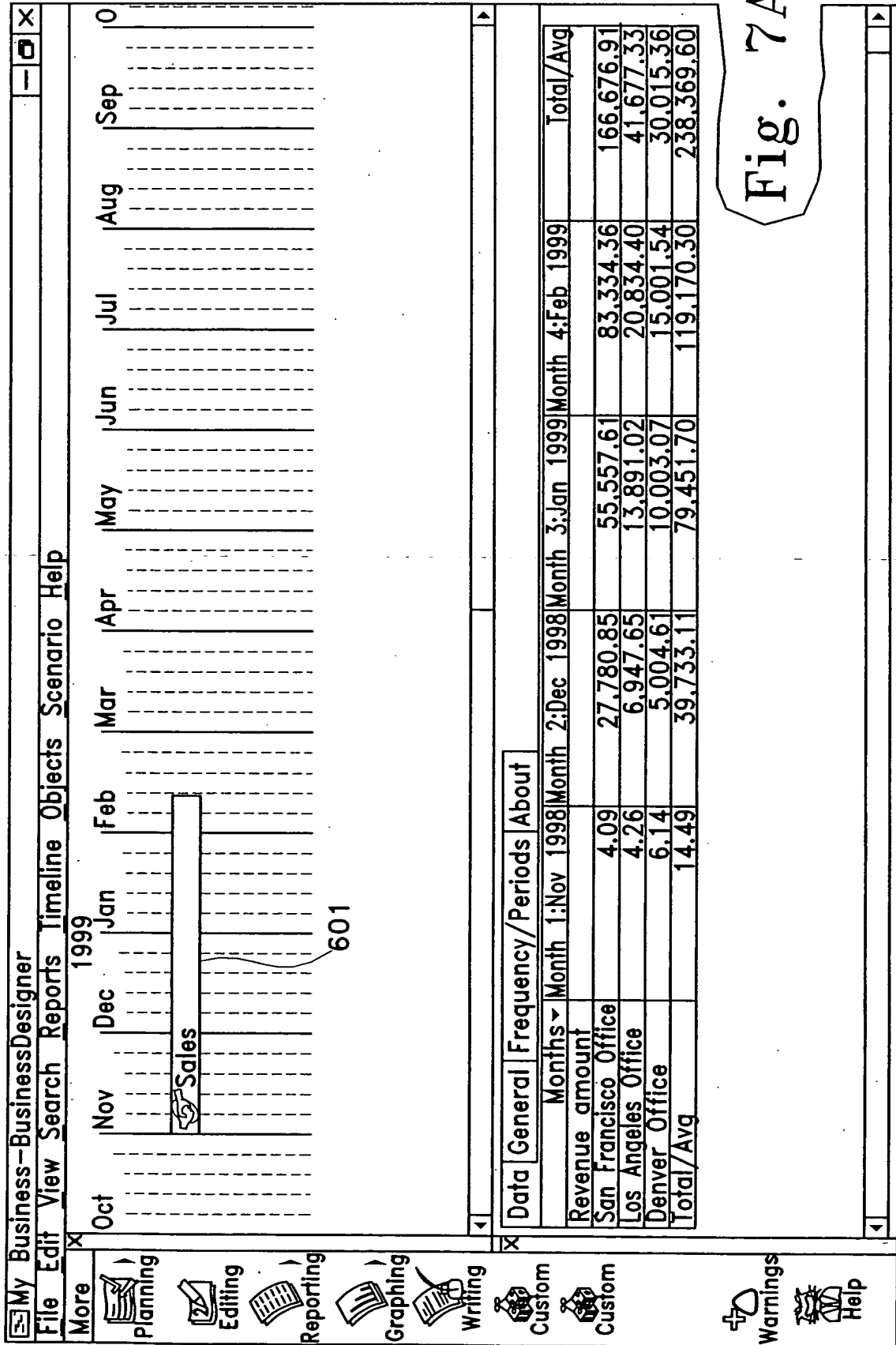


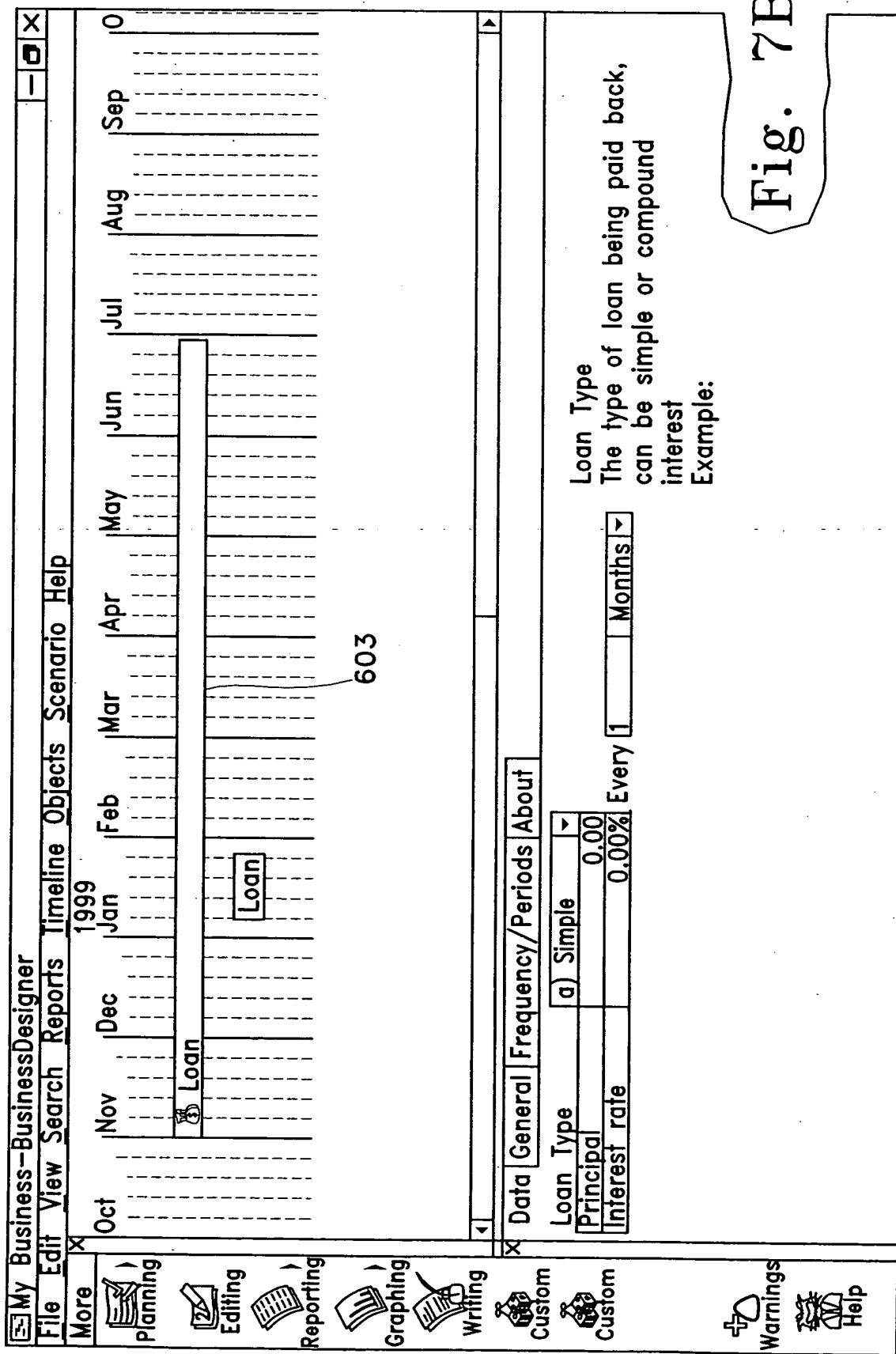
Fig. 7A

APPROVED	O.G. FIG.	
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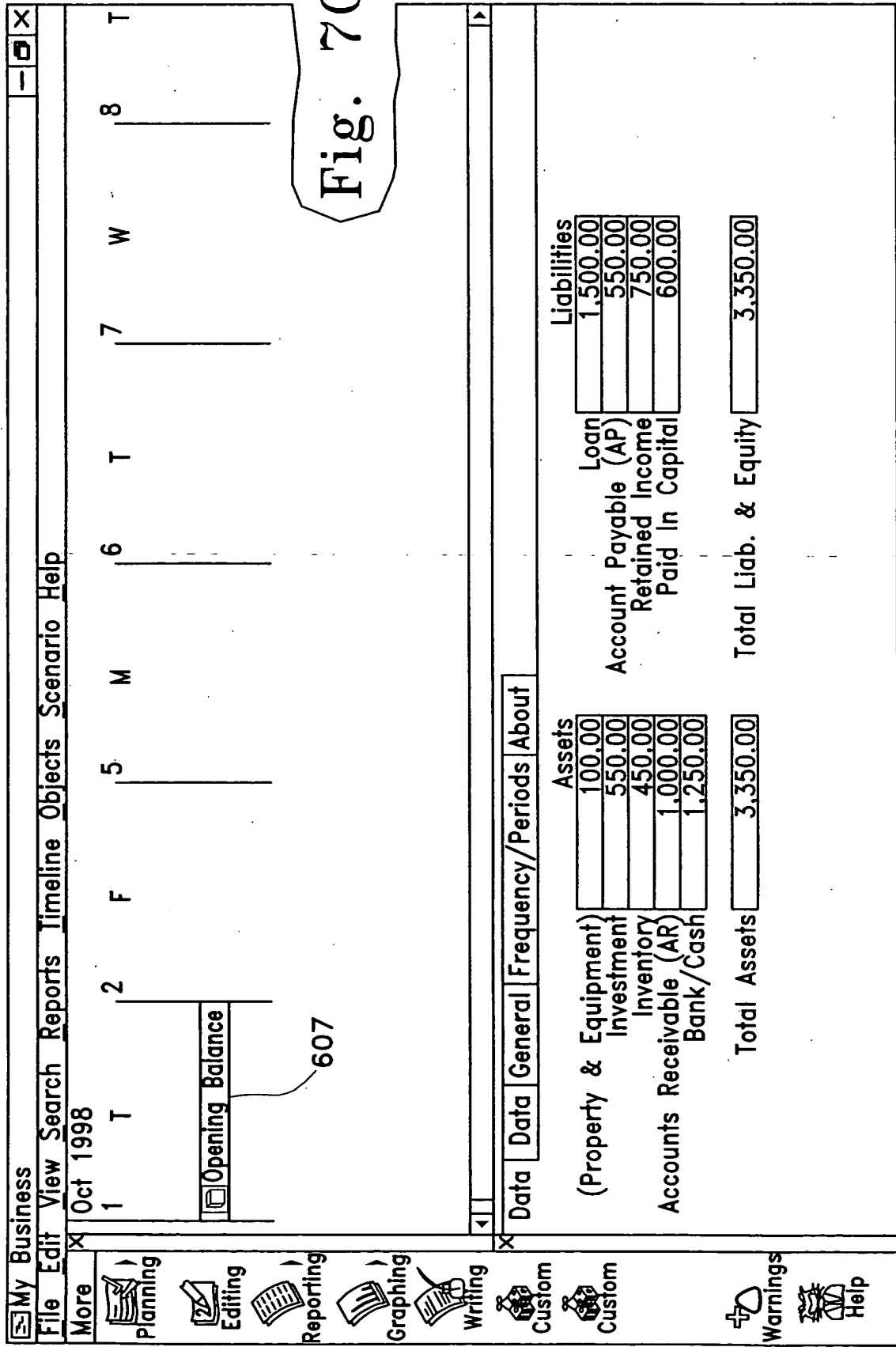
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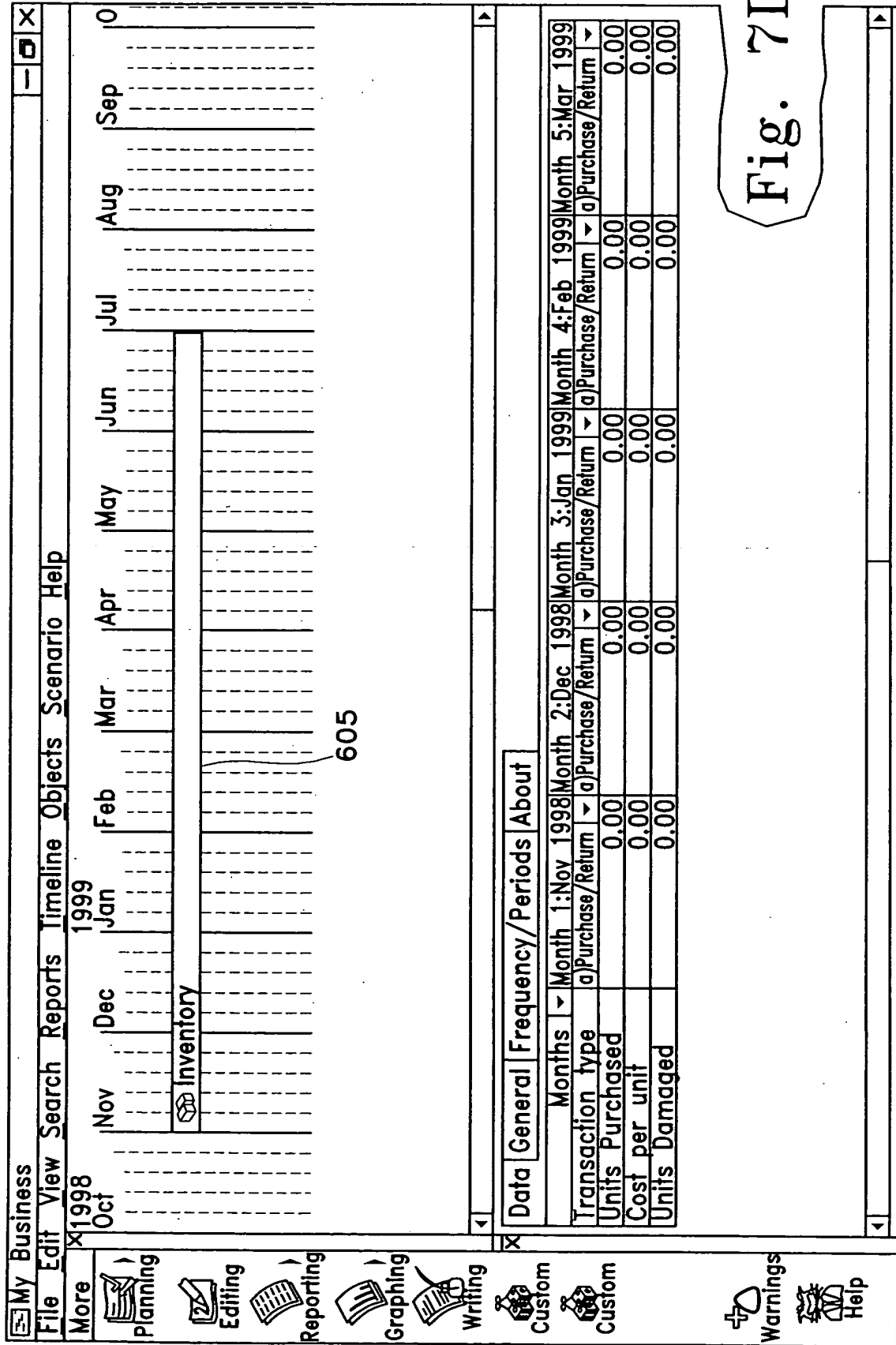


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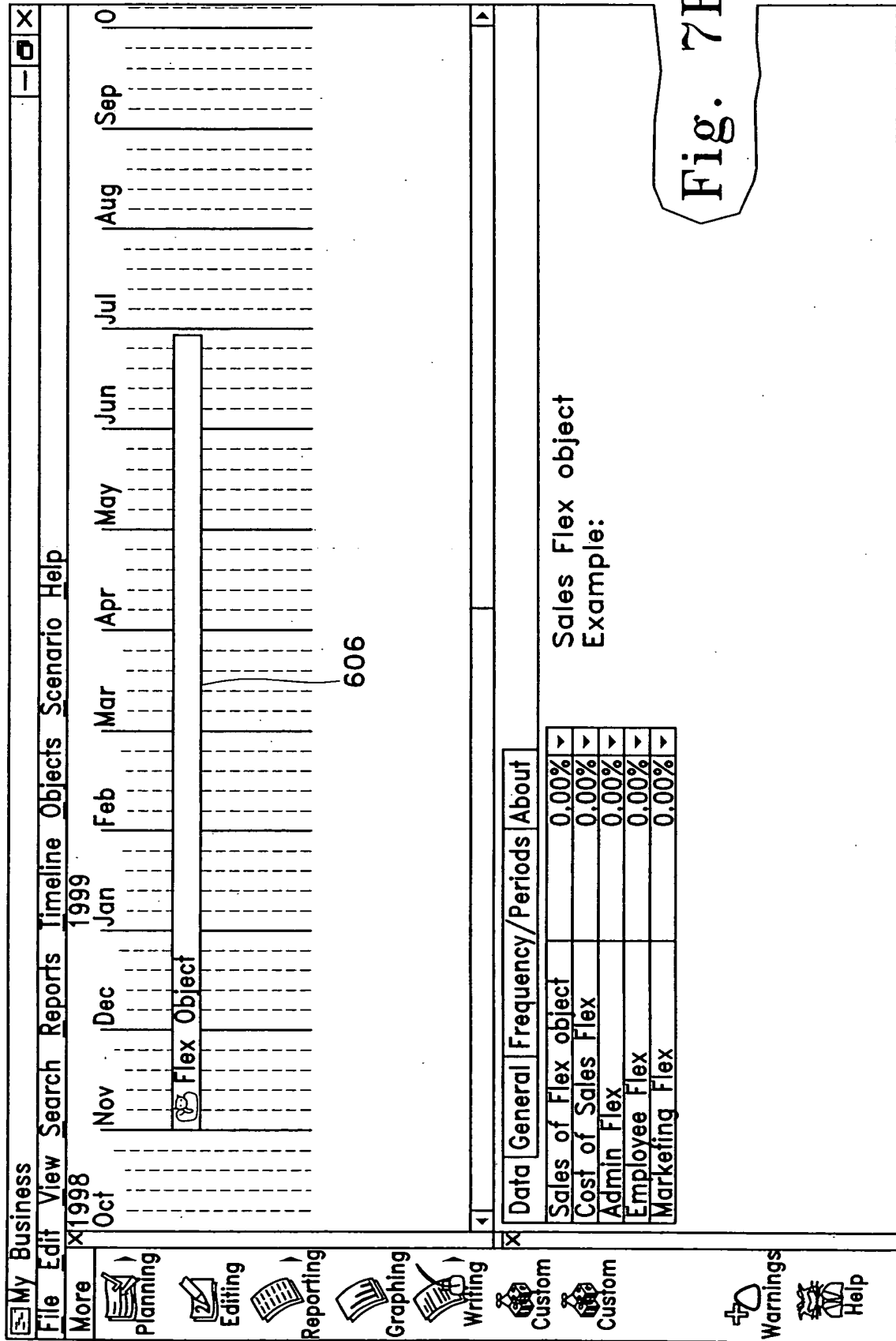
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APPROVED	O.G. FIG.	
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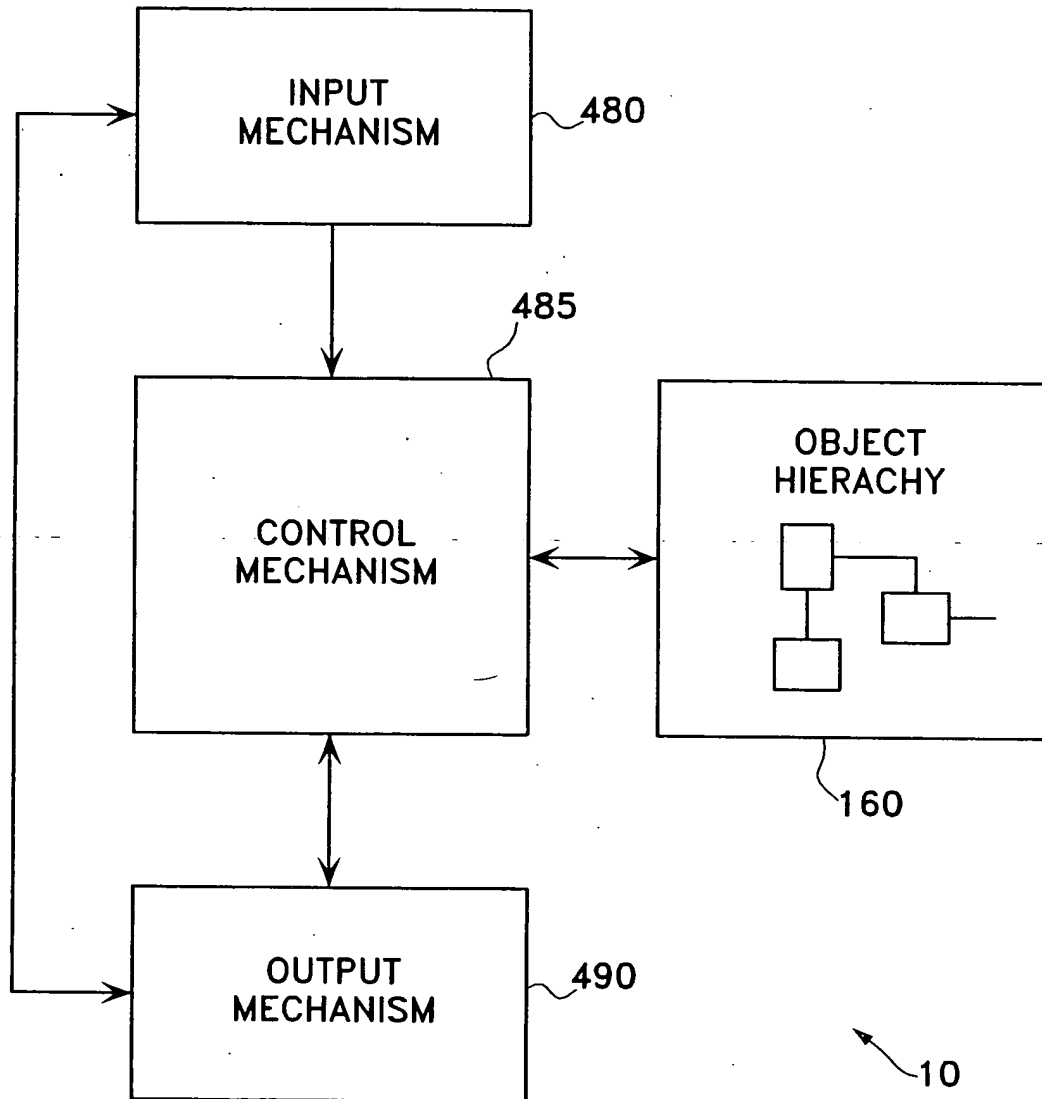


Fig. 8

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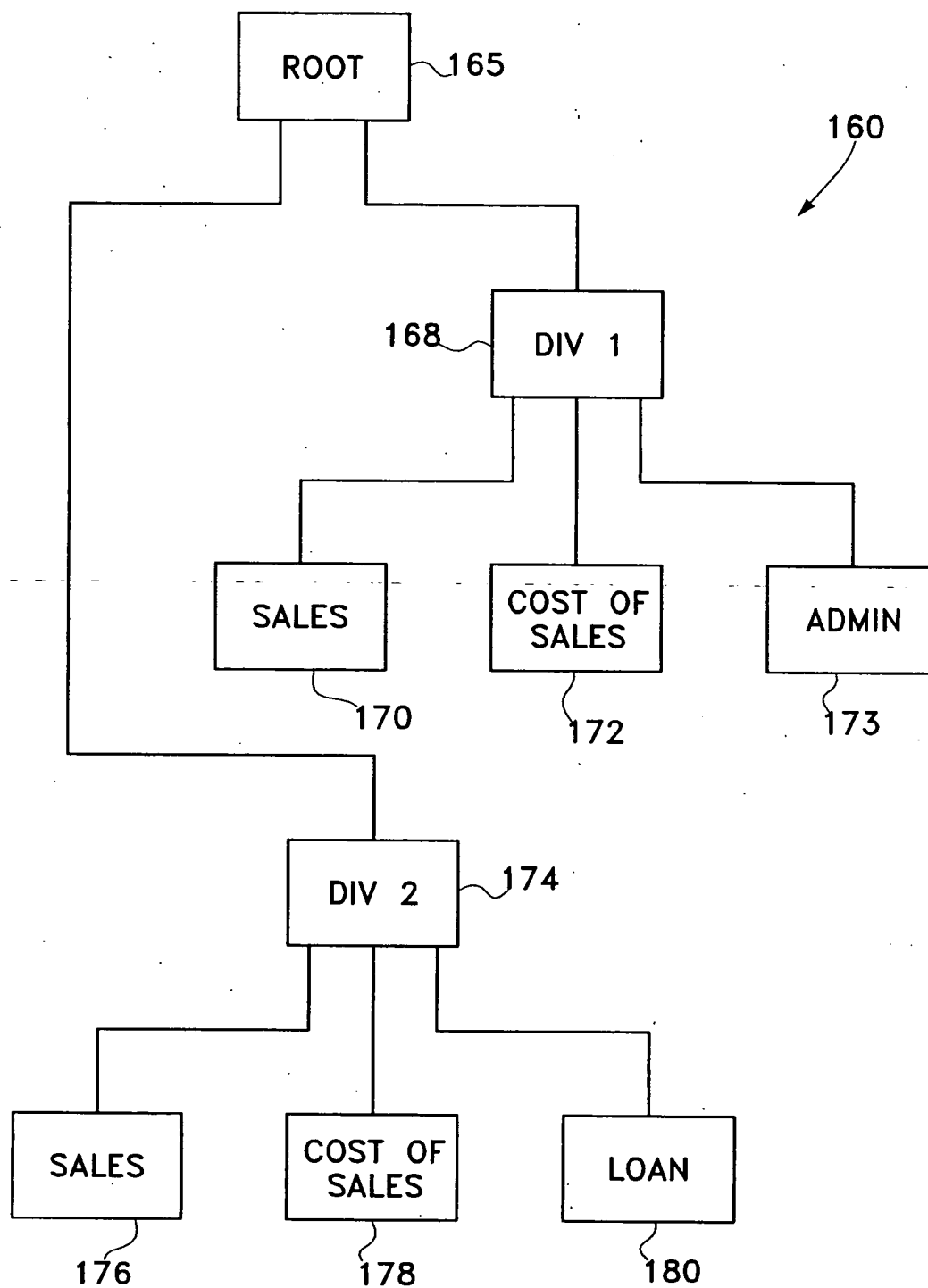


Fig. 9

APPROVED	O.G. FIG.	
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Fig. 10

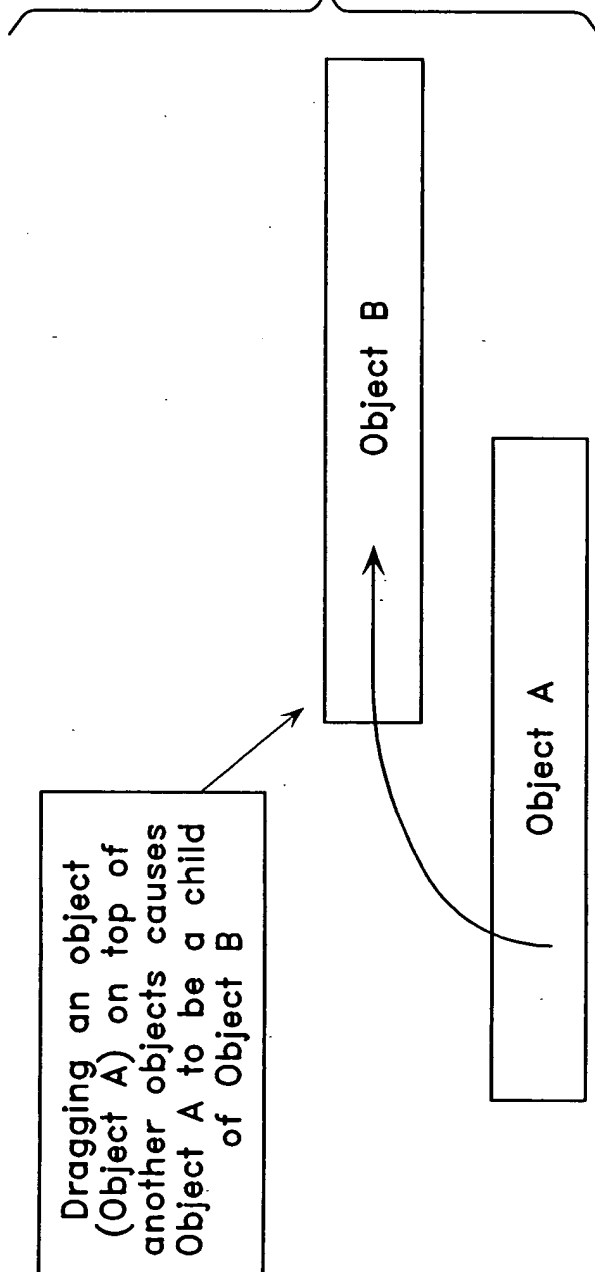
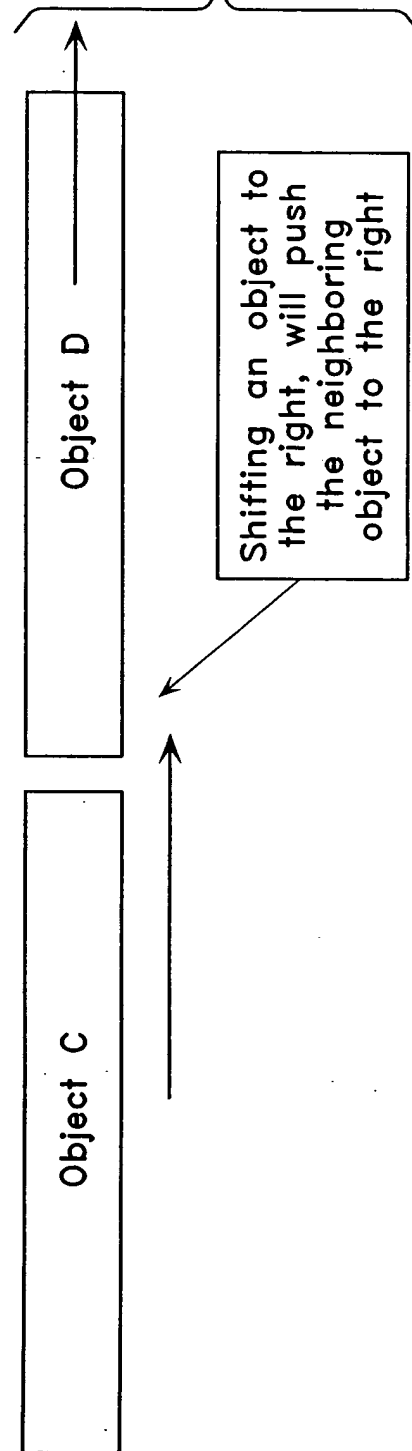


Fig. 11



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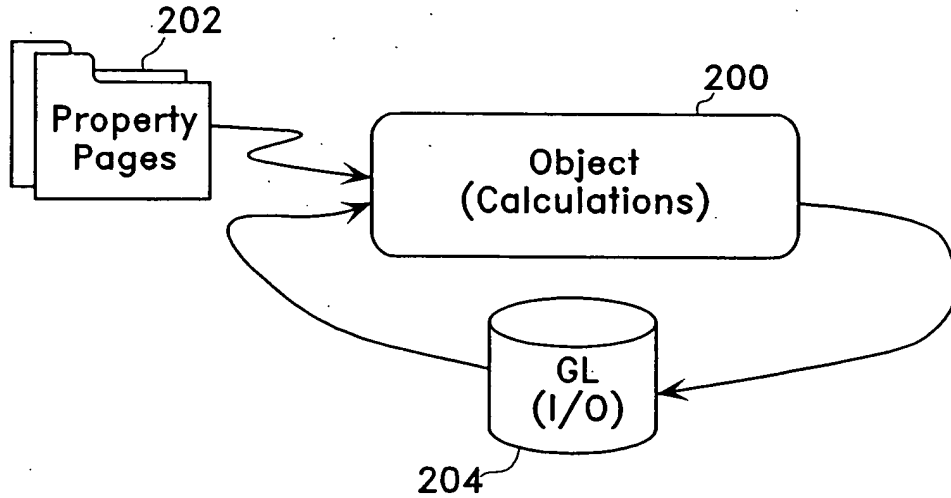


Fig. 12

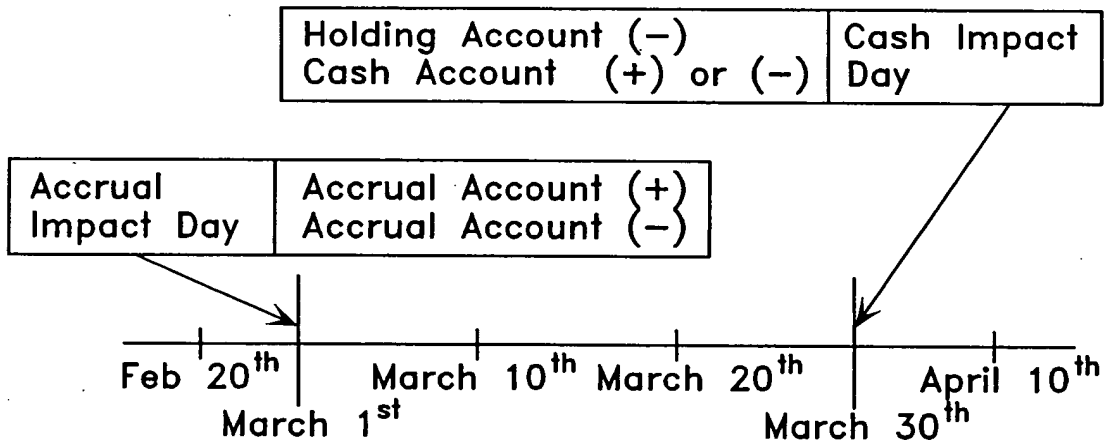


Fig. 13

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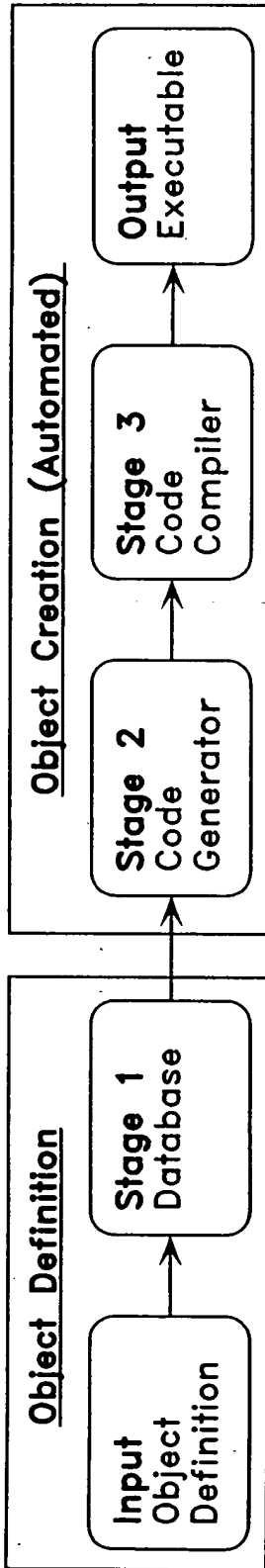


Fig. 14

Property Entry		Comments Who/When	Property List
Property ID	szCostOutput	Usage Example: The company could pay \$10.00 (cost of materials) for fabric and \$5.00 (direct cost) to ship the materials	Keywords: BOD Notes:
Capiton	Type of Cost		
Description	The type of cost being recorded.		
String List	a) Materials; b) Direct Cost		
Type	String List		
Multiple Items	Sum		
<input checked="" type="checkbox"/> Format as Currency <input type="checkbox"/> Format as Percentage <input type="checkbox"/> Is this a global property			

Fig. 15

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Account Entry

Account Name

Trade

Remember you specify the "prefix" in the relations tab and not as part of the "Account Name"

Caption

Sales

Description

Total Sales for all products

Rep Order

5330

Type

Account

☒ Format as Currency
☐ Format as Percentage
☐ On reports default to account change

Relations

Comments

Who/When

Account Prefix

rv

cf

ar

*

Direction

Increase

Increase

Increase

Increase

Parent

arReceivable

cfRevenue

rvRevenue

Child

arTrade

cfTrade

rvTrade

Fig. 16

Chart of Accounts			
id		Parent ID	Child ID
Contribution Mode			
315	acInventoryCount	acInventoryCountPurchase	Add
916	acInventoryCount	acInventoryCountSale	Add
924	acInventoryCount	acInventoryCountWriteOff	Add
894	bsLiabilityLongTerm	acPrincipleOutstanding	Add
878	acStaff	acStaffAdmin	Add

Fig. 17

APPROVED	O.G. FIG.	
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Object

- [X]

Name: Sales

Lookup...

Calculations

Children

Input Details

Notes

Criteria

Development

User

Summary

Input

Summary

Property ID

Caption

Order

Default

Read Only

Show

b) Dollars

0

Sales are in:

1

Number of units

2

Unit price

3

Revenue amount

5

Sales Tax

6

Resulting Sales based on:

100

101

1

s:SalesType

>

f:NumSale

>

f:UnitPrice

>

f:RevenueAmount

>

f:SalesTax

>

f:MarketingSalesType

>

>

>

<

<

Calculations

Calculation Options

Description:

update the inventory on hand if this is a sale

Output Account

ocInventoryCountSale

Equation

([szSalesType]**"a")? [=sNumSale]:0

C++ Code

<input type="checkbox"/>

Record:

1 of 5

Record:

39 of 50

Copy

Maintain Properties

Fig. 18

APPROVED	O.G. FIG.	
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Input Summary				
Property ID	Order	Caption	Default	Read Only Show
szSalesType	1	Sales are in:	b) Dollars	<input checked="" type="checkbox"/>
fNumSale	2	Number of units		<input checked="" type="checkbox"/>
fUnitPrice	3	Unit Price		<input checked="" type="checkbox"/>

Fig. 18A

APPROVED	O.G. FIG.	
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Calculation	Calculation Options
Description: update the inventory on hand if this is a sale	
Output Account Equation	<input type="checkbox"/> C++Code ([^szSalesType]="a")?[^fNumSale]:0
Record 1 of 5	

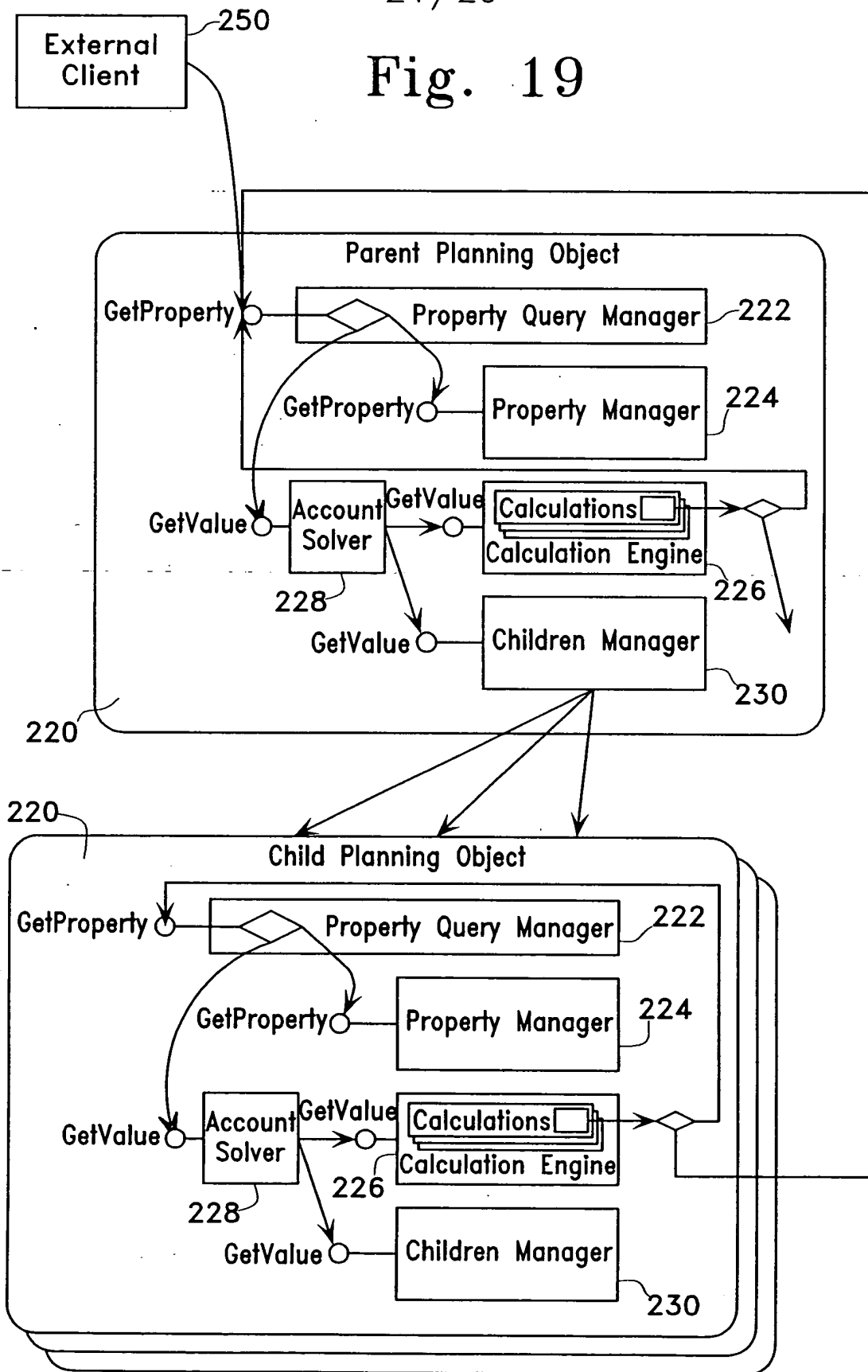
Fig. 18B

Calculation	Calculation Options
Description: update the inventory on hand if this is a sale	
Accounts effected at object <input type="radio"/> Beginning <input checked="" type="radio"/> Regular Intervals <input type="radio"/> Specific Date	Product Segmentation Loop Products Disable Scope Optimization Skip Self
Value is time <input checked="" type="radio"/> Dependent <input type="radio"/> Independent	
Record 1 of 5	

Fig. 18C

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Fig. 19



APPROVED	O.G. FIG.	
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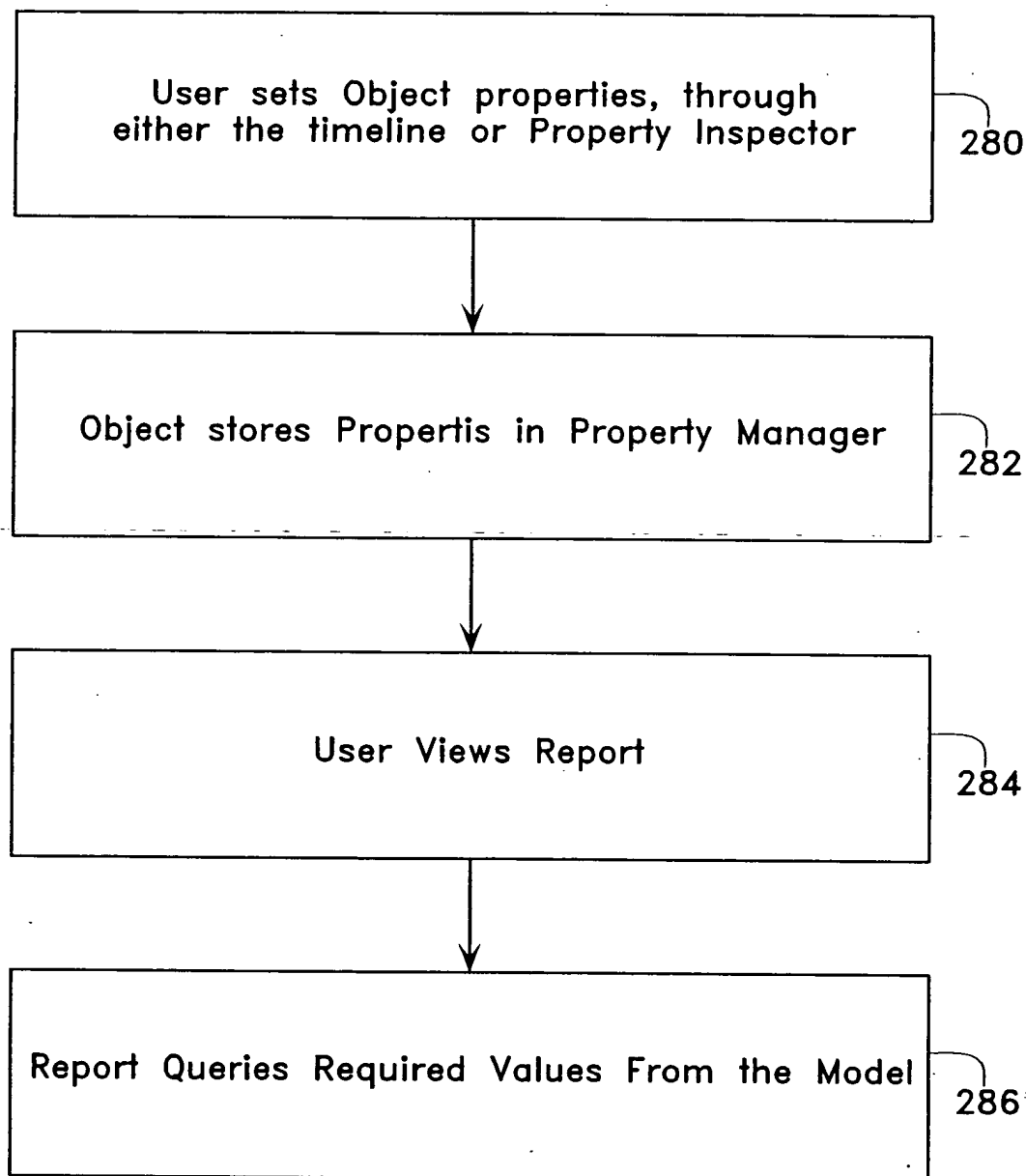


Fig. 20

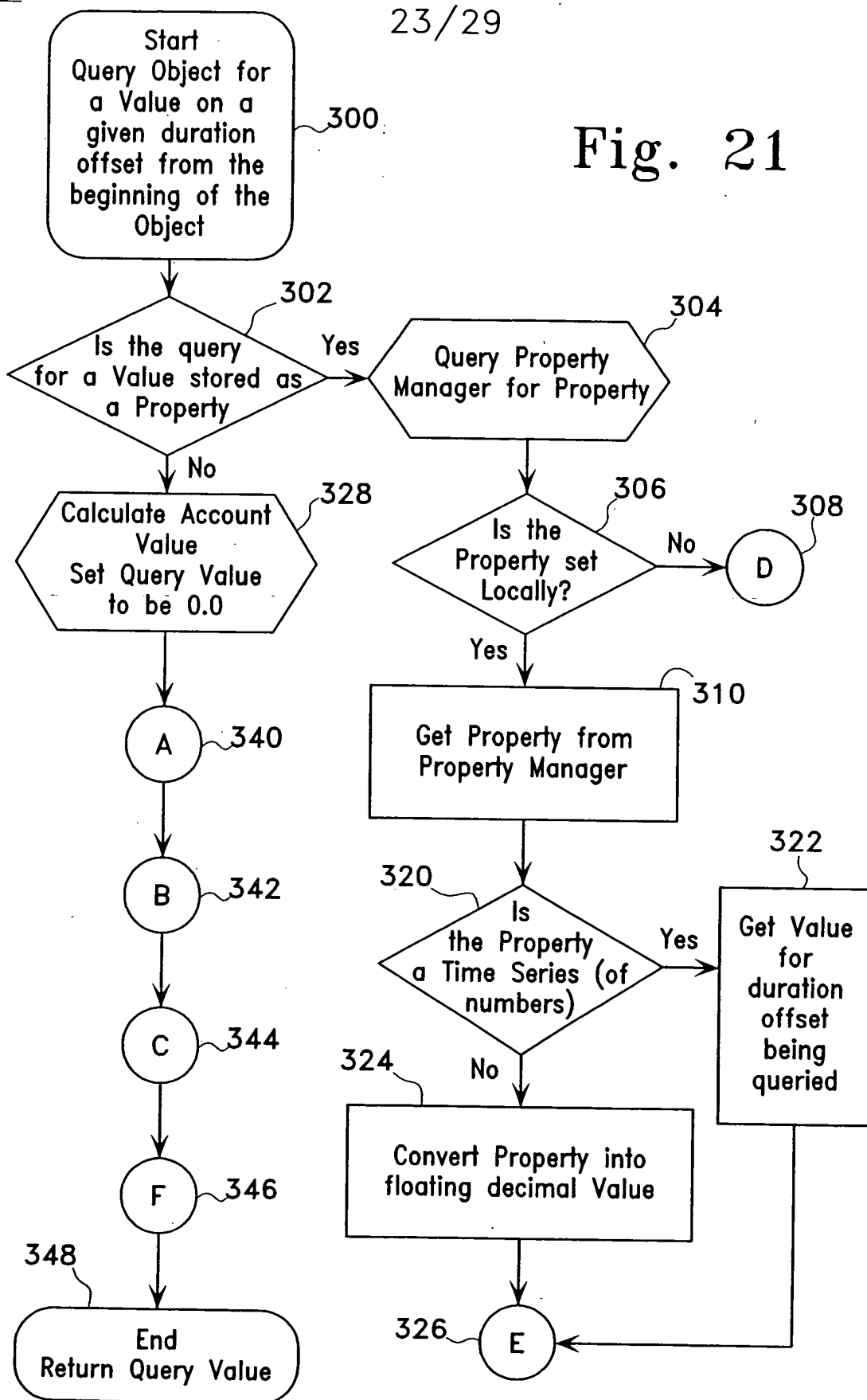
APPROVED	O.G. FIG.	
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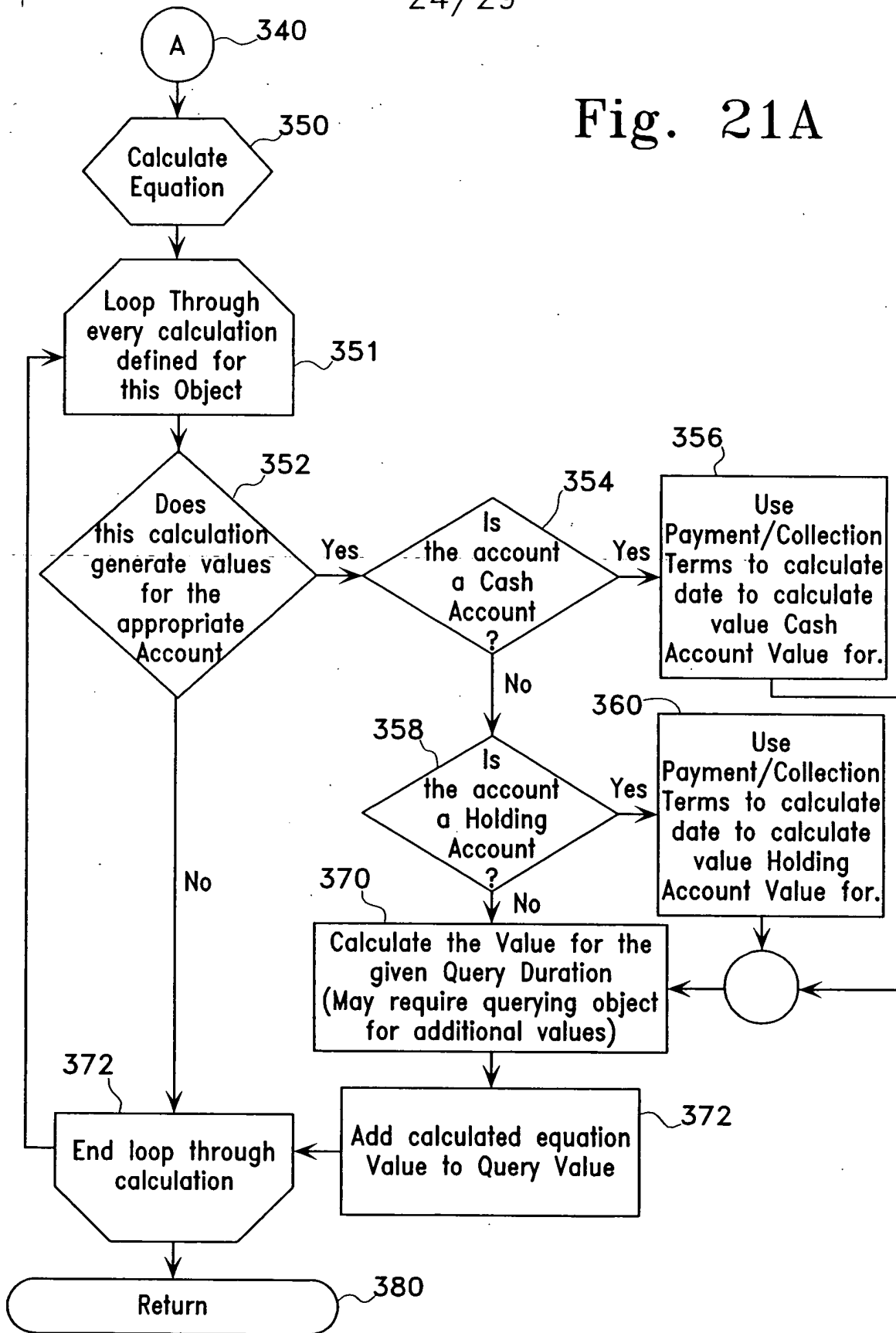
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Fig. 21



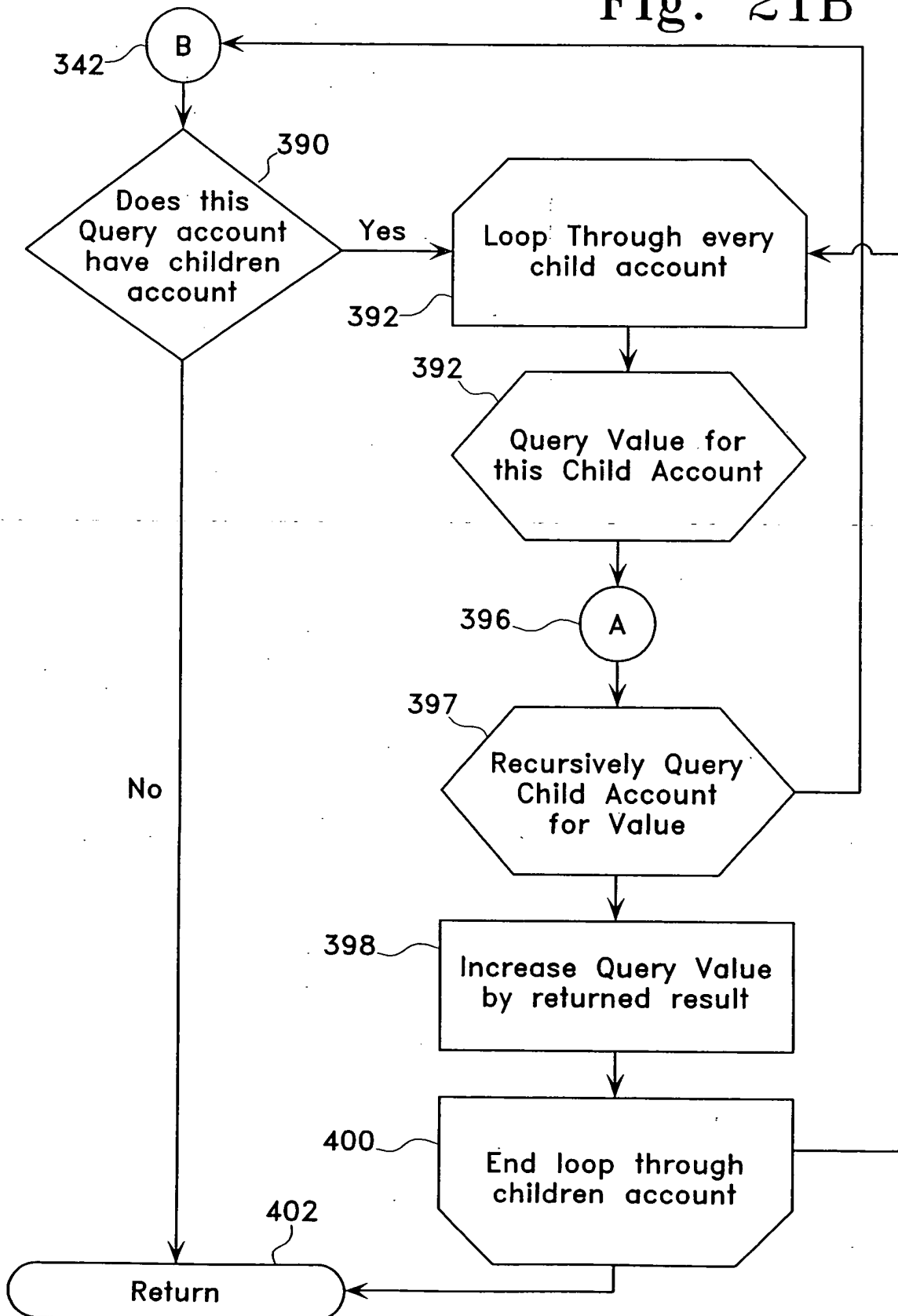
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Fig. 21A



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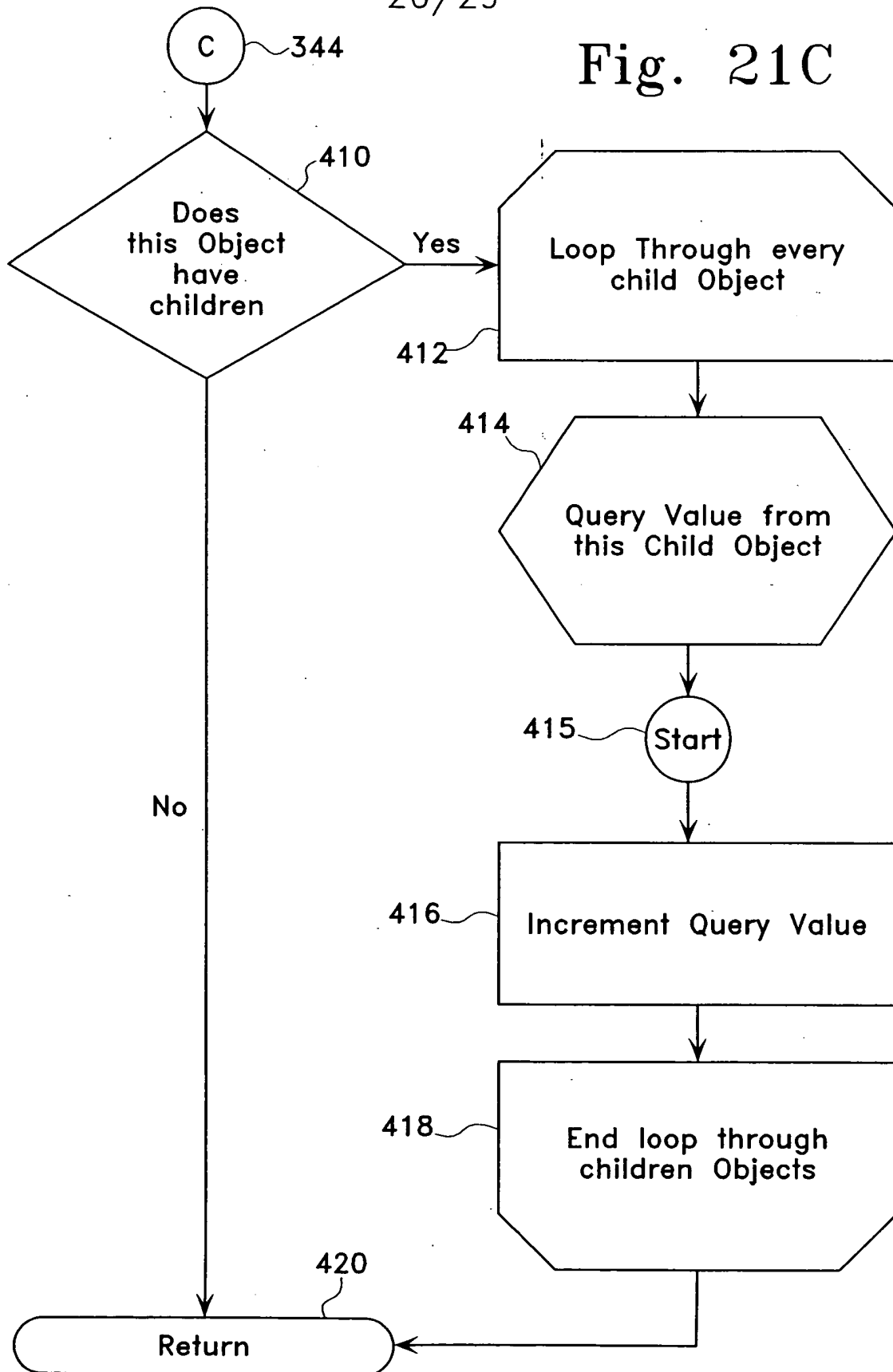
Fig. 21B



APPROVED	O.G. FIG.	
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Fig. 21C



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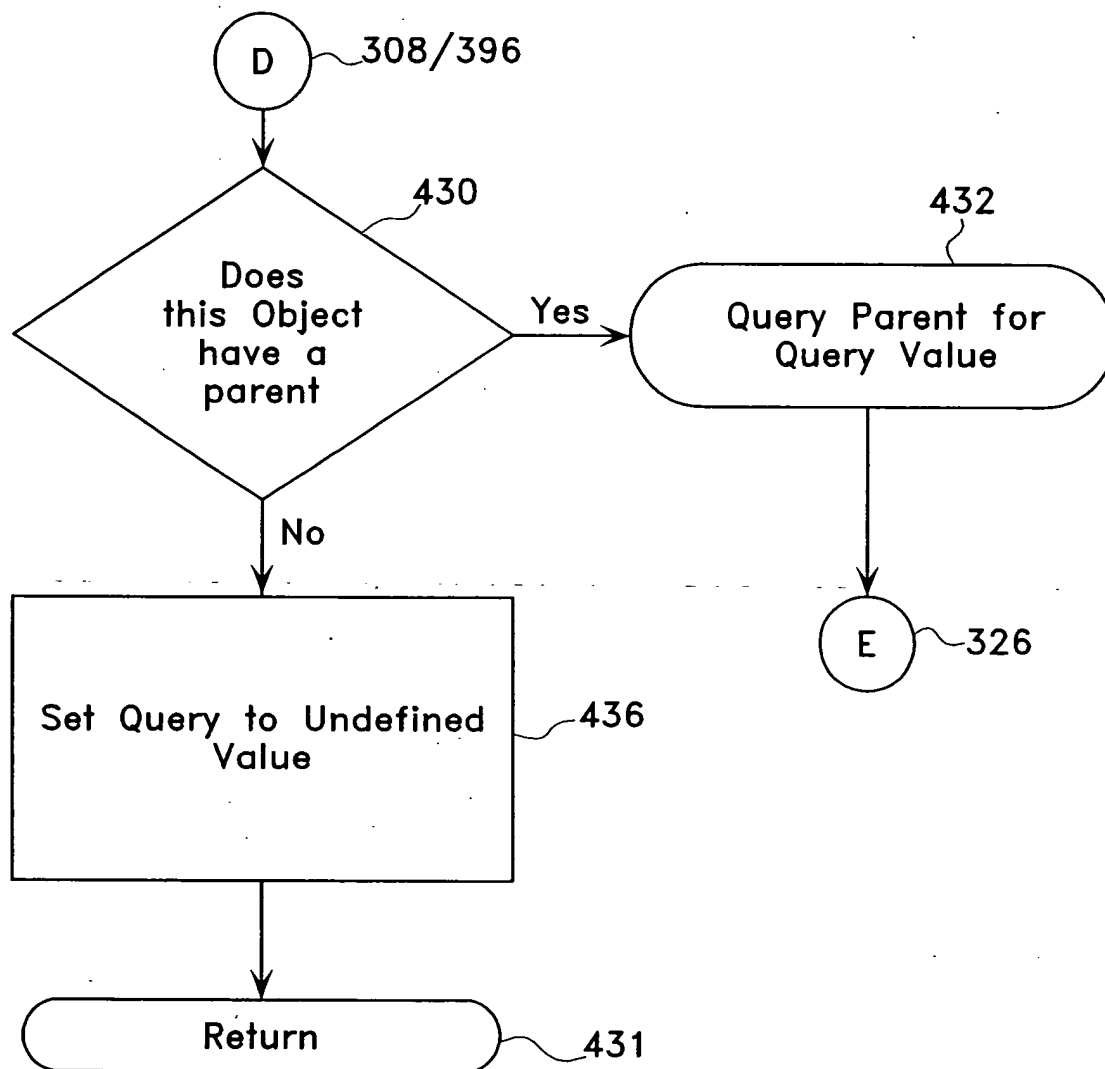


Fig. 21D

APPROVED	O.G. FIG.	
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Title: TIME-BASED MODELING

Inventors: Jonathan M. FRIEDMAN and Flynn D. FISHER, JR.

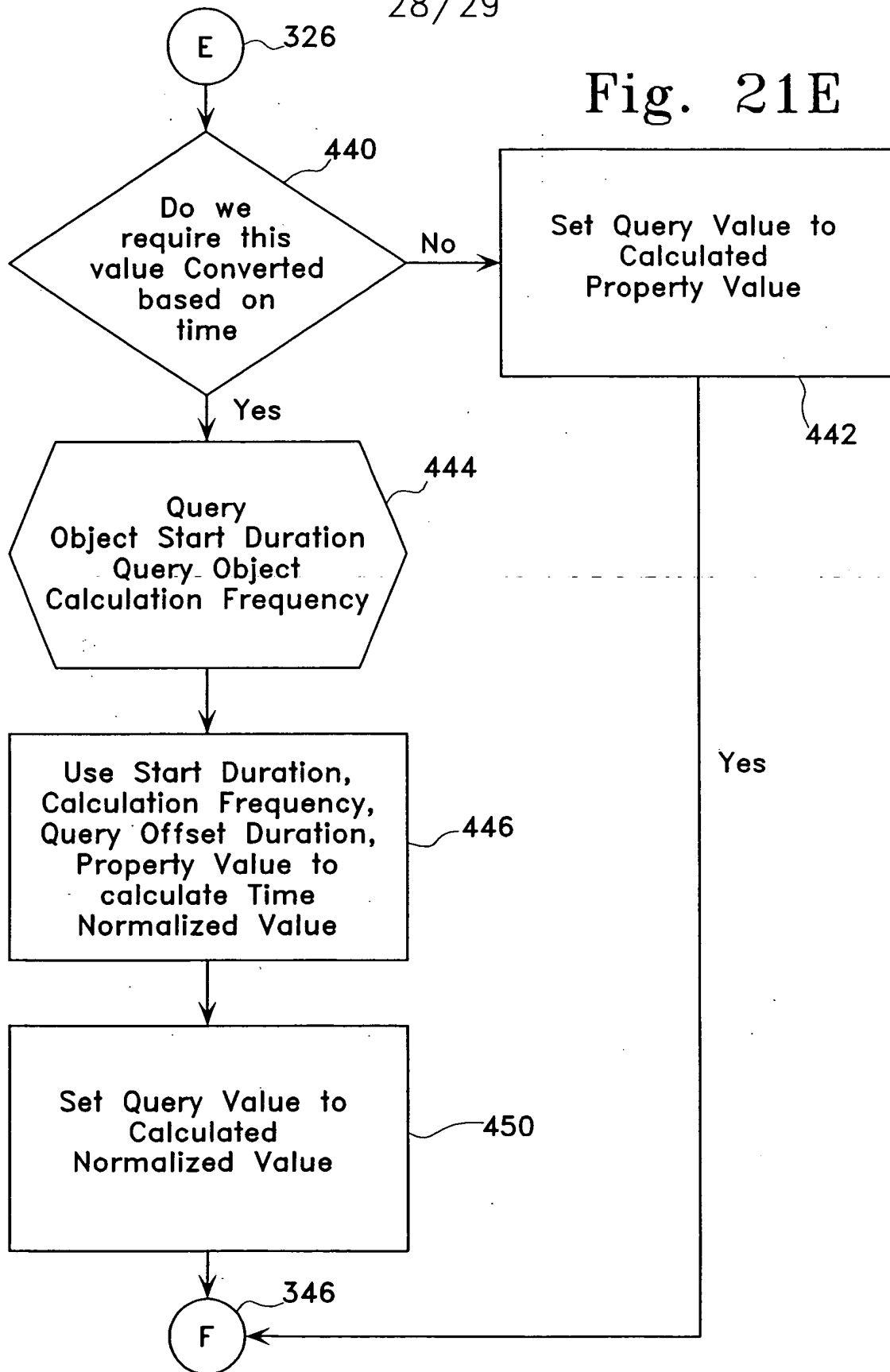
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Fig. 21E



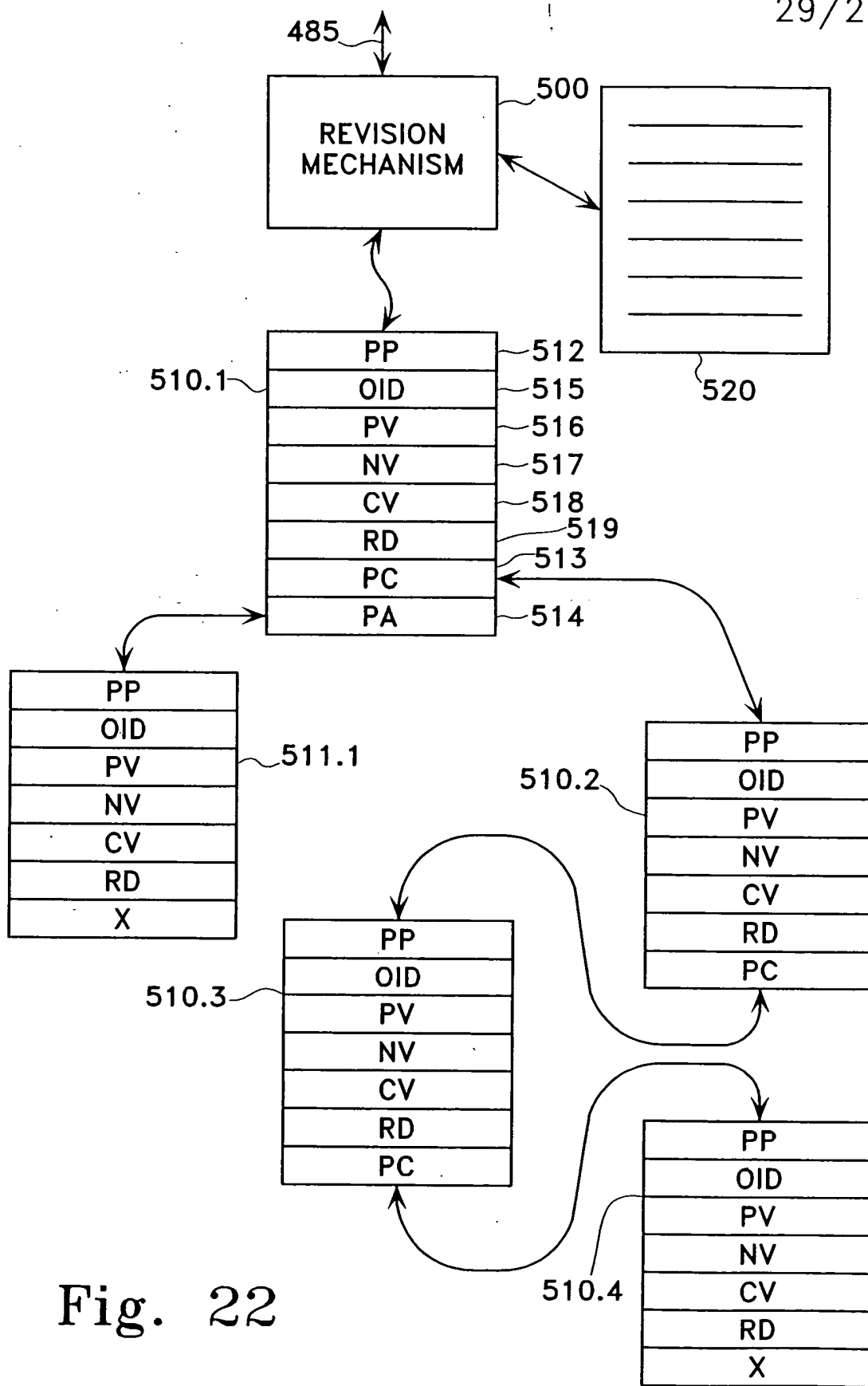


Fig. 22